

Amendments to the claims:

1-29 (canceled)

30. (new) A combination of a dedicated dental implant or implant assembly, a prosthesis comprising an anchorage part (1) and a retaining screw, wherein said anchorage part (1) of said prosthesis comprises a hole (2) for said retaining screw, characterized in that the diameter of the neck (3) of said retaining screw is smaller than the diameter of said hole in said anchorage part of said prosthesis and further characterized in that the interface of said dedicated dental implant or implant assembly with said anchorage part of said prosthesis comprises a flat-to-flat connection, so as to allow, upon fixing of said prosthesis to said dedicated dental implant or implant assembly with said retaining screw, compensation for lateral misalignments between the center of said anchorage part of said prosthesis and the center of said dedicated dental implant or implant assembly, by way of lateral movements of said prosthesis on said dedicated dental implant or implant assembly.

31. (new) The combination of claim 30, wherein said compensation for lateral misalignments between the center of the anchorage part of the prosthesis and the center of the implant or implant assembly is ensured by way of lateral movements of the prosthesis on the implant of about 0.4 to about 1.4 mm.

32. (new) The combination of claim 30, wherein the diameter of the neck (3) of the retaining screw is about 0.4 to 1.2 mm smaller with respect to the diameter of hole (2) in the anchorage part of the prosthesis.

33. (new) The combination of claim 30, which is further characterized in that the diameter of the neck (3) of the retaining screw is smaller than its threaded shaft (15) .

34. (new) The combination of claim 30, characterized in that there is no tolerance between the threaded shaft (15) of the retaining screw and the hole (2) in the anchorage part (1) of the prosthesis.

35. (new) The combination of claim 30, wherein the interface of said implant or implant assembly with the anchorage part of prosthesis is characterized by interlocking features which ensure a tolerance interlock, allowing, upon fixing of the prosthesis to the implant or implant assembly with the retaining screw, compensation for lateral misalignments between the center of the anchorage part (1) of the prosthesis and the center of the implant or implant assembly.

36. (new) The combination of claim 30, wherein said anchorage part (1) is a separate cylindrical component that can be incorporated into a prosthesis.

37. (new) The combination of claim 30, wherein said anchorage part (1) is integral part of the prosthesis.

38. (new) The combination of claim 30, said implant comprising a fixture head (6), wherein said implant is a single structure and said flat-to-flat connection is between the proximal surface of said fixture head (6) of said implant and said proximal surface of said anchorage part (1) of the prosthesis.

39. (new) The combination of claim 30, wherein said implant assembly comprises an abutment and said flat-to-flat connection is between the abutment and the anchorage part (1) of the prosthesis.

40. (new) The combination of claim 30, wherein said implant has an external surface comprising a distal part (7) which is treated to interface with bone and a proximal part (8) which is untreated, characterised in that the proximal part has a length of between 2 and 6 mm.

41. (new) The combination of claim 30, said implant comprising a fixture head (6), wherein said fixture head (6) of said implant at the interface (5) of said implant with the prosthesis having a flat surface, further comprises in said flat surface one or more dedicated features to allow easy extraction of said implant after placement.

42. (new) The combination of claim 30, further comprising an impression coping which comprises an anchorage part with a proximal surface, characterised in that said proximal surface is flat.

43. (new) The combination of claim 30, further comprising an implant replica, characterised in that said implant replica comprises a proximal end of which the proximal surface (9) is flat for connection with the anchorage part (1) of said prosthesis or with an impression coping having an anchorage part (18) with a proximal flat surface.

44. (new) A retaining screw for fixing a prosthesis to a dental implant or implant assembly having at their interface a flat-to-flat connection or a tolerance interlock, said retaining screw being characterized in that the diameter of its neck (3) is smaller than its threaded shaft (15) and in that the diameter of its neck (3) is about 0.4 to 1.2 mm smaller with respect to the diameter of hole (2) in the anchorage part (1) of the prosthesis, so as to allow, upon fixing of the prosthesis to the implant or implant assembly, compensation for lateral misalignments between the center of the anchorage part of the prosthesis and the center of the implant or implant assembly.

45. (new) The retaining screw of claim 44, further characterized in that it has a cylindrical head (13) with a conical opening inwards (14) to guide a screwdriver into position for screwing.

46. (new) The retaining screw of claim 44, characterized in that the threaded shaft (15) fits into a threaded hole (2) in the implant or implant assembly.

47. (new) The retaining screw of claim 44, characterized in that the diameter of the threaded shaft (15) of the retaining screw is equal to the diameter of the hole (2) in the anchorage part (1) of the prosthesis.

48. (new) An impression coping for taking an impression of a dental implant or implant assembly comprising at its proximal end a flat surface, said impression coping comprising an anchorage part (18) having a flat surface.

49. (new) A burn-out cylinder for connection to the implant replica comprising a flat-surfaced proximal end (9) for connection with the proximal flat surface of an anchorage part of a prosthesis or an impression coping, comprising a proximal end (19) which comprises a flat surface.

50. (new) The burn-out cylinder of claim 49, which further comprises a tapered collar (20).

51. (new) The burn-out cylinder of claim 49, further comprising an internal shaft

comprising two cylindrical parts, wherein the diameter of proximal of said two parts is smaller than that of the distal part.